



Dolphin™ 7800

with Android™ 2.3.4 Mobile Device Platform

Quick Start Guide

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Out of the Box

Verify that your carton contains the following items:

- Dolphin 7800 mobile computer (terminal)
- 1GB, 2GB, or 4GB industrial grade microSD™ card (pre-installed)
- Main battery pack
- Quick Start Guide

If you ordered accessories for your terminal, verify that they are also included with the order. Be sure to keep the original packaging in case you need to return the Dolphin terminal for service.

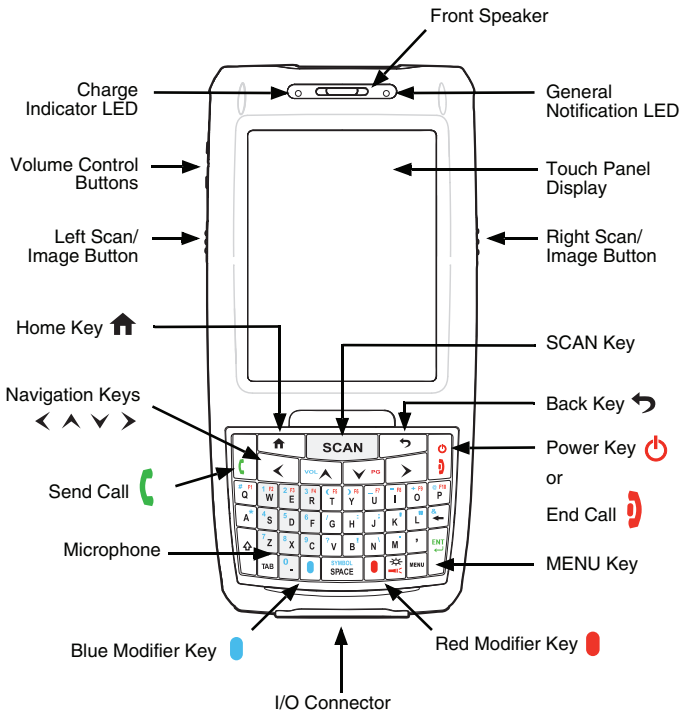
Memory Card Specifications

Applications on your 7800 Android terminal utilize the microSD card to store files and application data. To avoid errors or possible data loss, **do not operate the device without a memory card installed.**

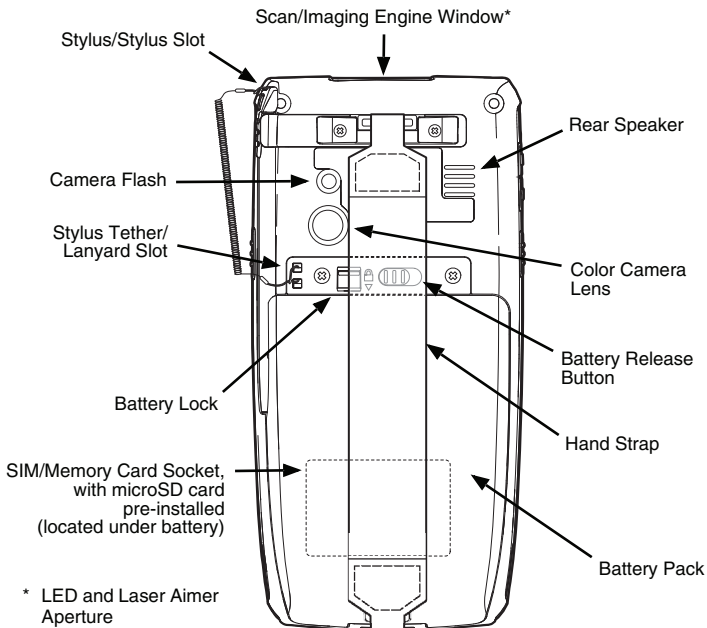
Honeywell recommends the use of Single Level Cell (SLC) industrial grade microSD or microSDHC™ memory cards with Dolphin terminals for maximum performance and durability. Contact a Honeywell sales representative for additional information on qualified memory card options.

Front Panel

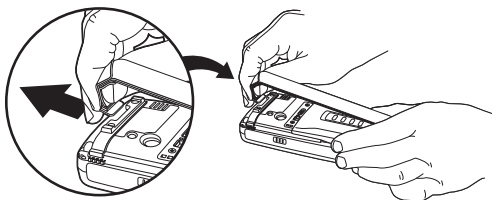
Note: Your Dolphin model may differ from the model illustrated in this guide; however, the features noted are standard for all 7800 Android models unless otherwise indicated.



Back Panel




Releasing the Hand Strap

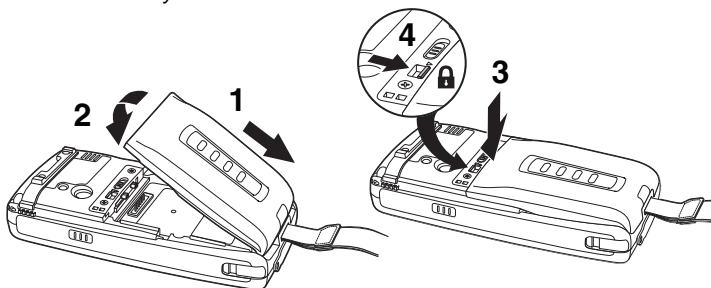


Installing the Battery Pack


Dolphin 7800 model terminals are designed for use with standard battery pack model 7800-BTSC (Li-ion 3.7 V, 8.9 watt hour) and extended battery pack models 7800-BTXC and 7800-BTXCW (Li-ion 3.7 V, 14.8 watt hour) manufactured for Honeywell International Inc.

The Dolphin 7800 is shipped with the battery packaged separately from the terminal. Perform the steps illustrated below to install the battery.

 *Ensure all components are dry prior to placing the battery in the terminal. Mating wet components may cause damage not covered by the warranty.*




Note: The terminal does not power ON unless the battery is locked .

 *We recommend use of Honeywell Li-ion battery packs. Use of any non-Honeywell battery may result in damage not covered by the warranty.*

Once the battery is installed, connect the terminal to one of the Dolphin 7800 charging peripherals to charge the battery pack.

Dolphin 7800 Android model terminals are designed for use with the following 7800 charging devices and cables: 7800-HB, 7800-CB, 7800-MB, 7800-MC, and 7800-USB. The 7800 Android model does not support Ethernet.

 *We recommend use of Honeywell peripherals, power cables, and power adapters. Use of any non-Honeywell peripherals, cables, or power adapters may cause damage not covered by the warranty.*

Charging the Dolphin

Dolphin terminals ship with the battery significantly discharged of power. Charge the battery with a Dolphin charging device for a minimum of 4 hours for the standard battery and 6 hours for the extended battery.

Note: Charge the Dolphin terminal for at least 24 hours prior to initial use to ensure the internal backup battery is fully charged.

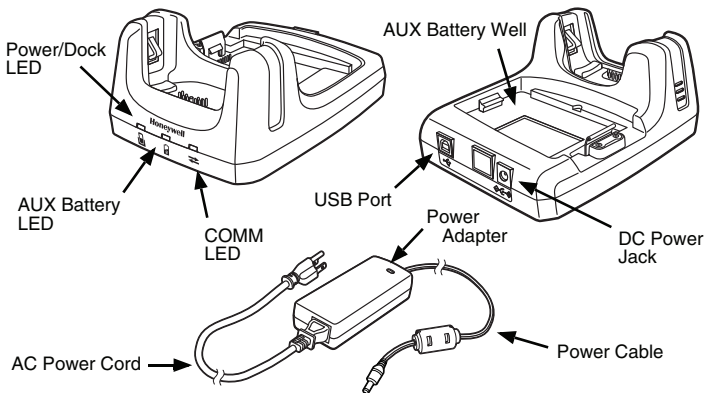


Ensure all components are dry prior to mating terminals/batteries with peripheral devices. Mating wet components may cause damage not covered by the warranty.

HomeBase (Model 7800-HB)

The 7800-HB charger is designed for use with Dolphin 7800 model terminals, standard battery pack model 7800-BTSC (Li-ion 3.7V, 8.9 watt hour), and extended battery pack models 7800-BTXC and 7800-BTXCW (Li-ion 3.7V, 14.8 watt hour) manufactured for Honeywell International Inc. Use only a UL Listed power supply, which has been qualified by Honeywell with output rated at 12VDC and 3 amps with the device.

HomeBase Parts



HomeBase LED Indicators



Red The HomeBase has power but no terminal is docked.

Green The HomeBase has power and the terminal is properly seated in the base.



Orange The auxiliary battery is charging.

Green The auxiliary battery has completed charging and is ready for use.

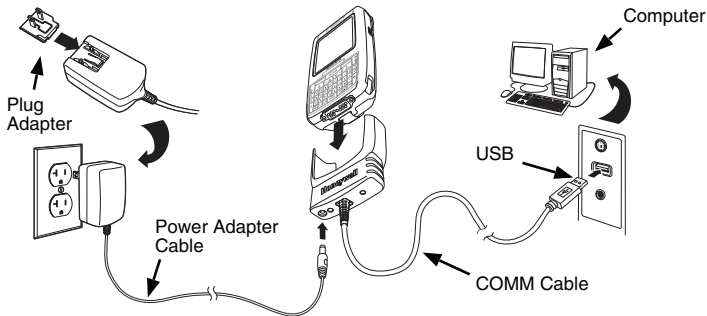
Red
Flashing The internal temperature of the auxiliary battery is too hot or there is a battery error. Charge the auxiliary battery in a cooler environment or replace the battery with a new Honeywell battery.



Green A USB connection is established with the host workstation.



Charging/Communication Cable (Model 7800-USB)

Use only a UL Listed power supply, which has been qualified by Honeywell with output rated at 5VDC and 3A with the device.




Suspend Mode

Suspend Mode turns the touch screen off and locks the terminal. To save battery power, the terminal enters Suspend Mode when the device is inactive for a programmed period of time. To adjust the timeout limit, tap the **Apps Launcher > Settings > Display > Screen Timeout**.

1. Press and release the **Power** key  to toggle the terminal in or out of Suspend Mode.
2. Drag  to the right on the touch screen to unlock the terminal.


Note: You should always place the terminal in suspend mode when replacing the battery pack.

Silent Mode and Airplane Mode

1. Press and hold the **Power** key  for approximately 5 seconds.
2. Tap **Silent Mode** or **Airplane Mode** on the **Phone Options** menu to toggle the mode ON or OFF.


Note: When Airplane Mode is turned on,  shows on the status bar.

Removing the Battery Pack

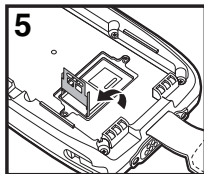
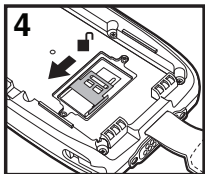
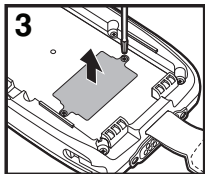
1. Press and release the **Power** key  to enter Suspend Mode, then release the hand strap.
2. Unlock the battery.
3. **Wait three seconds**, then slide the battery release button away from the stylus slot.
4. Remove the battery.

Installing the SIM Card and/or Replacing the Memory Card

*Note: To prevent possible data corruption, you should unmount the microSD card before removing the card from the terminal. To unmount the card, tap the **Apps Launcher** > **Settings** > **Storage** > **Unmount SD card**.*

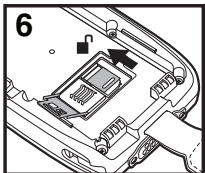
1. Press and release the **Power** key  to enter **Suspend Mode**.
2. Release the hand strap and remove the battery pack.
3. Remove the screws and the protective shield covering the SIM/memory card socket.
4. Unlock the SIM card latch by sliding the latch toward the stylus slot.
5. Lift the latch to reveal the SIM socket and the memory card latch.

Note: If a SIM card is installed, remove the card to reveal the memory card latch.

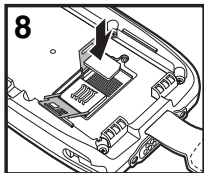
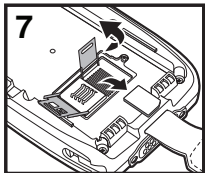


If you are not replacing the memory card, skip to step 10.

6. Unlock the memory card latch by sliding the latch toward the top of the terminal.

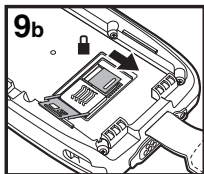
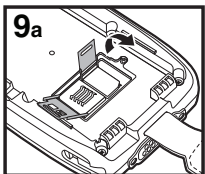


- Lift the latch and remove the memory card.
- Insert the new microSD or microSDHC card.



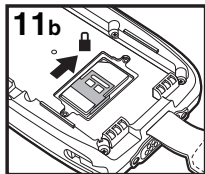
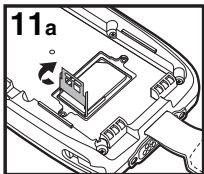
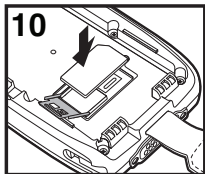
Note: To avoid application errors or possible data loss, do not operate the device without a memory card installed. Contact a Honeywell sales representative for additional information on qualified memory card options.

- Close and lock the memory card latch.













- Insert the SIM card. Align the chamfered corner of the card with the chamfered corner of the socket.

- Close and lock the SIM card latch.






12. Reinstall the shield and screws to protect the socket.
13. Install and lock the battery. The terminal automatically starts the power up sequence.

Navigation Keys





Key	Function
	Return to the Home screen.
	Back to the previous screen.
MENU	Opens additional menu options.
 or  Up Down	Move the cursor one row or line up or down.
 or  Left Right	Move the cursor one character Left or Right.
 & VOL 	Raise the volume.
 &  PG	Lower the volume.

Note: Additional functionality varies according to the application in use.

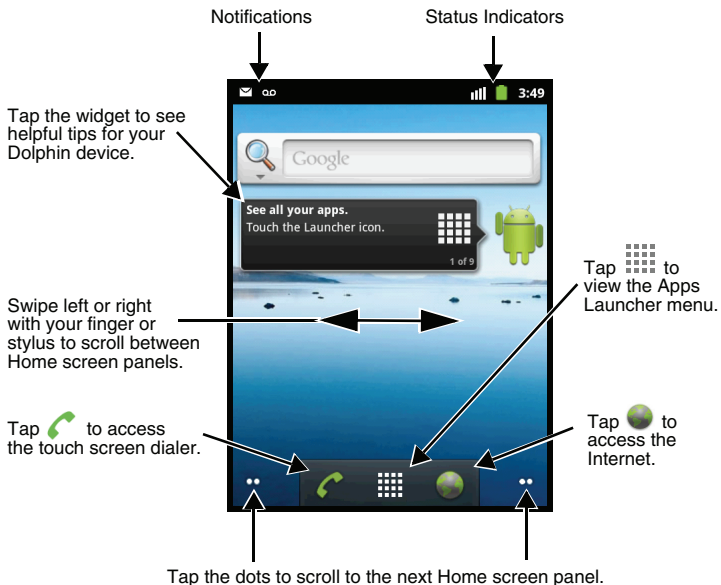
Modifier Keys

Key	Function
 Blue or  Red	The blue and red keys are used in combination with other keys to type special characters and perform system functions. The keyboard is color-coded to indicate the character typed or function performed when specific keys are pressed immediately after the blue or red modifier key. Press a modifier key once to modify only the next key pressed. Press a modifier key twice to toggle the modifier Lock ON or OFF.
	The shift key toggles the keyboard between uppercase and lowercase alphabet mode. Press the shift key once to modify only the next key pressed. Press the shift key twice to toggle Caps Lock ON or OFF.

Function Keys

Key	Function
SCAN	Activates the scan. The key location allows convenient one-handed image-taking and/or bar code decoding.
	Answers a phone call or initiates a phone call.
	Ends and disconnects a phone call.
 &  Red	Turns the flashlight on or off.

Home Screen




Personalize the Home Screen

Personalize the five Home screen panels for quick access to apps, folders, and menus.

To **add** an item:

1. Tap and hold an empty spot on the Home screen.
2. Select the type of item (e.g., shortcut, widget, folder, or wallpaper).
3. Choose the item from the list or browse to the item you want to add.

To **remove/delete** an item:





1. Tap and hold the item.
2. When the unit vibrates, drag the item to the  at the bottom of the screen.

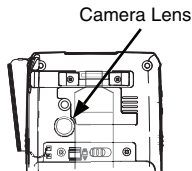
To **move** an item:

1. Tap and hold the item.
2. When the unit vibrates, drag the item to the new location, then release.




Note: The next panel automatically opens if you drag the item to the edge of the touch screen.

Using the Color Camera

1. Tap  > **Camera** .
2. Make sure the Camera/Video switch is set to .
3. Point the camera lens at the object you want to capture, then tap .

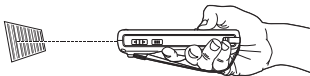


Using the Scan Engine

1. Tap  > **Demos**  > **Scan Demo** .
2. Point the Dolphin terminal at the bar code.

Note: For optimum performance, avoid reflections by scanning the bar code at a slight angle.

3. Tap **Scan** or press the SCAN key.
4. The decode results display on the touch screen.



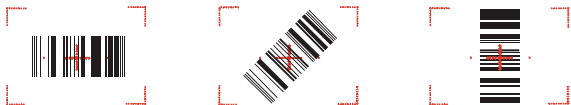
Aiming Beam

The aiming beam is narrower when you hold the terminal closer to a bar code and the aiming beam is wider when you hold it farther from the bar code.

The aiming beam must be aimed closer to symbologies that have smaller bars or elements (mil size). The aiming beam must be aimed farther from symbologies that have larger bars or elements (mil size).

N5603 Red High-Vis Aiming Pattern

If your Dolphin terminal is configured with a N5603 imager, high-vis aimers frame the bar code for more intuitive aiming.



N5600 Green Aiming Beam

Linear Bar Code



2D Matrix Symbol




Resetting the Terminal

There are two types of system resets: a hard reset or a factory reset. The hard reset preserves all data stored in the file system. Contact a Honeywell technical support representative for more information on how to perform a factory reset.

Hard Reset (Cold Boot)

A hard reset re-boots the device and closes any open applications running in RAM at the time of the reset.

Press and hold the **Blue**  + **Send**  keys for approximately 10 seconds.
OR

Press and hold the **Power** key  for approximately 5 seconds, then tap **Reboot** on the **Phone Options** menu.

Technical Assistance

Contact information for technical support, product service and repair can be found at www.honeywellaidc.com.

User Documentation

For localized versions of this document, and to download the User's Guide, go to www.honeywellaidc.com.

Limited Warranty

Refer to www.honeywellaidc.com/warranty_information for your product's warranty information.

Patents

For patent information, please refer to www.honeywellaidc.com/patents.